Amendments to the Claims:

1. (CANCELLED)

2. (CANCELLED)

3. (CANCELLED)

4. (CANCELLED)

5. (Currently Amended) The fiber optic device of Claim [[3]] 14 wherein said arbor plate is planar.

6. (CANCELLED)

7. (CANCELLED)

8. (CANCELLED)

9. (CANCELLED)

10. (Originally presented) A method of polishing a fiber optic ferrule connected to an optical fiber cable comprising:

(a) providing a polishing film having a surface;

(b) providing a holder for the ferrule for maintaining said ferrule in a position against said surface;

(c) rotating said film surface; and

(d) indexing said holder to move at a predetermined rate approximately equal to the outer diameter of the cable fiber each revolution of the film surface.

11. (Originally presented) The method of Claim 10 wherein said film surface is on a polishing wheel driven by a drive shaft.

12. (Originally presented) The method of Claim 11 wherein said holder is moved by a transmission from said drive shaft.

13. (New) A fiber optic device for polishing fiber optic fiber ends and ferrules comprising:

(a) a base;

(b) a drive shaft having a polishing mounting wheel with a face to which a polishing medium may be secured;

(c) a holder for maintaining a ferrule in a position to be polished adjacent the polishing medium;

(d) indexing means driven by said drive shaft for moving said holder transversely across the polishing wheel at a predetermined rate; and

(e) transmission means for changing the gear ratio so that different indexing rates may be established for different polishing requirements.

14. (New) A fiber optic device for polishing fiber optic fiber ends and ferrules comprising:

(a) a base;

(b) a drive shaft having a polishing mounting wheel with a face to which a polishing medium may be secured;

(c) a holder for maintaining a ferrule in a position to be polished adjacent the polishing medium; and

(d) indexing means driven by said drive shaft for moving said holder transversely across the polishing wheel at a predetermined rate, said

indexing means being driven from said drive shaft at a rate approximately equal to the diameter of the cable fiber per revolution of the drive shaft.

15. (New) A fiber optic device for polishing fiber optic fiber ends and ferrules comprising:

(a) a base;

(b) a drive shaft having a polishing mounting wheel with an arbor plate to which a polishing medium may be detachably secured;

(c) a holder for maintaining a ferrule in a position to be polished adjacent the polishing medium;

(d) indexing means driven by said drive shaft for moving said holder transversely across the polishing wheel at a predetermined rate; and

(e) said arbor plate being generally annular defining a central recess thereby defining an acoustic chamber.

16. (New) A fiber optic device for polishing fiber optic fiber ends and ferrules comprising:

(a) a base;

(b) a drive shaft having a polishing mounting wheel with a face to which a polishing medium may be secured;

(c) a holder for maintaining a ferrule in a position to be polished adjacent the polishing medium;

(d) indexing means driven by said drive shaft for moving said holder transversely across the polishing wheel at a predetermined rate; and

(e) electronic means for audibly monitoring the polishing of fiber optic ends and ferrules.

17. (New) The fiber optic device of Claim 13 wherein said drive shaft is driven by manually operable means.

18. (New) The fiber optic device of Claim 13 wherein said drive shaft mounting wheel is driven by a reversible motor.

19. (New) The fiber optic device of Claim 14 wherein said drive shaft is driven by manually operable means.

20. (New) The fiber optic device of Claim 14 wherein said drive shaft mounting wheel is driven by a reversible motor.

21. (New) The fiber optic device of Claim 15 wherein said drive shaft is driven by manually operable means.

22. (New) The fiber optic device of Claim 15 wherein said drive shaft mounting wheel is driven by a reversible motor.

23. (New) The fiber optic device of Claim 16 wherein said drive shaft is driven by manually operable means.

24. (New) The fiber optic device of Claim 16 wherein said drive shaft is driven by manually operable means.